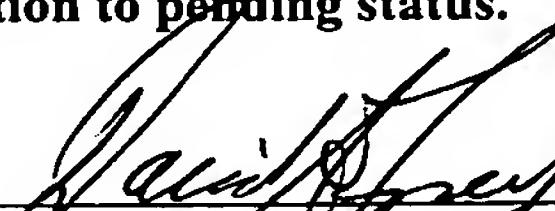


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 AND 37 CFR 1.491		ATTORNEY DOCKET NO. P2037US U.S. APPLICATION NO. Unassigned 10/573425
INTERNATIONAL APPLICATION NO. PCT/US2004/031703	INTERNATIONAL FILING DATE 27 September 2004 (27.09.04)	PRIORITY DATE CLAIMED 26 September 2003 (26.09.03)
TITLE OF INVENTION SYSTEM AND METHOD FOR FIRING BRICKS		
APPLICANT(S) FOR DO/EO/US WOODSIDE, J. Russell ; WASHBURN, Ryan F.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371 and 37 CFR 1.491.		
2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371 and 37 CFR 1.491.		
3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).		
4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
11. Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying identity of above copies 		
Items 12 to 19 below concern other document(s) or information included:		
12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of Listed Documents 		
13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
14. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <ul style="list-style-type: none"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A change of power of attorney and/or address letter.		
17. <input checked="" type="checkbox"/> Application Data Sheet Under 37 CFR 1.76		
18. <input checked="" type="checkbox"/> Return Receipt Postcard		
19. <input checked="" type="checkbox"/> Other items or information: Copy of International Search Report and Written Opinion for PCT/US2004/031703		

U.S. APPLICATION NO. Unassigned	10/573425	INTERNATIONAL APPLICATION NO. PCT/US2004/031703	ATTORNEY DOCKET NO. P2037US	
20. The following fees are submitted:			Calculations	PTO Use Only
<input checked="" type="checkbox"/> a) Basic national fee.....\$300.00 <input checked="" type="checkbox"/> b) Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 All other situations\$200.00				\$300.00
			\$200.00	
<input checked="" type="checkbox"/> c) Search fee If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 All other situations.....\$500.00			\$100.00	
TOTAL OF ABOVE CALCULATIONS =			\$600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
-100=	/50=		x \$250.00	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	21	-20=	1	x \$50.00 \$50.00
Independent Claims	5	- 3 =	2	x \$200.00 \$400.00
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)			+ \$360.00	\$0.00
TOTAL OF ABOVE CALCULATIONS =			\$1,050.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$
			SUBTOTAL =	\$1,050.00
Processing fee of \$130.00 for furnishing English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date.				\$
TOTAL NATIONAL FEE =			\$1,050.00	
Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property			+ \$	
TOTAL FEE ENCLOSED =			\$1,050.00	
			Amount to be refunded	\$
			charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ to cover the above fee is enclosed.				
b. <input checked="" type="checkbox"/> Please charge Deposit Account No. 07-0181 in the amount of \$1,050.00 to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-0181. A duplicate copy of this sheet is enclosed.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO:				
Customer Number: 08968 Gardner Carton & Douglas LLP 191 N. Wacker Drive, Suite 3700 Chicago, Illinois 60606-1698				
 David A. Frey, Registration No. 43,618 One of the Attorneys for Applicant(s)				
Date: March 24, 2006				

U.S. APPLICATION NO. Unassigned	INTERNATIONAL APPLICATION NO. PCT/US2004/031703	ATTORNEY DOCKET NO. P2037US
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CERTIFICATION UNDER 37 CFR 1.10

"Express Mail" Label Number: **EV264895727US**

Date of Deposit: **March 24, 2006**

I hereby certify that this express request to begin national examination procedures under 35 U.S.C. 371(f) of the International Patent Application referenced above, including all of the items listed thereon as enclosures, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Attention: DO/EO/US, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Irina L. Mikitiouk

Printed Name of Person Signing:



Signature

**EXPRESS MAILING CERTIFICATE
UNDER 37 CFR § 1.10****Date of Deposit: March 24, 2006****"Express Mail" Mailing Number: EV264895727US**

I hereby certify that the attached correspondence, including any documents or materials referred to thereon as enclosures or attachments, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to:

Mail Stop PCT
Attn: DO/EO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Title: **SYSTEM AND METHOD FOR FIRING BRICKS**

Applicant(s): **Woodside et al.**

Application No.: **Unassigned (U.S. National Phase of PCT/US2004/031703)**

Filing Date: **March 24, 2006**

Enclosed:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 USC 371 and 37 CFR 1.491 (3 pgs) and duplicate thereof (3 pgs)
2. Application Data Sheet (3 pgs)
3. Preliminary Amendment (11 pgs)
4. Information Disclosure Statement (4 pgs) and duplicate thereof (4 pgs)
5. 1449 Form citing Five (5) References (AA-AE) (1 pg)
6. Copy of International Search Report and Written Opinion for PCT/US2004/031703 (8 pgs)
7. Authorization to charge deposit account in the amount of \$1,050.00
8. Return postcard

Irina L. Mikitieuk

Typed or Printed Name

I. Mikitieuk

Signature

Attorney Docket No. **P2037US**

Client No. **013175-0027**

CH02/ 22443387.1